

SEULCHAN LEE

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Michigan Technological University
College of Business

1400 Townsend Dr Office Building
Houghton, MI 49931

Academic Employment

- | | |
|----------------------------------------------------------------------------------------------------------------------|-----------------------|
| Assistant Professor of Operations Management | <i>2022 - Present</i> |
| <ul style="list-style-type: none">College of Business, Michigan Technological University, Houghton, MI | |
| Research Assistant/Instructor | <i>2017 - 2022</i> |
| <ul style="list-style-type: none">Mays Business School, Texas A&M University, College Station, TX | |

Education

- | | |
|--------------------------------------------------------------------------------------------------|-------------|
| Texas A&M University , Mays Business School, College Station, TX | <i>2022</i> |
| <ul style="list-style-type: none">Ph.D. in Information & Operations Management | |
| Texas A&M University , College Station, TX | <i>2017</i> |
| <ul style="list-style-type: none">M.S. in Industrial Engineering | |
| Korea University , Seoul, South Korea | <i>2015</i> |
| <ul style="list-style-type: none">B.Sc. in Industrial & Management Engineering | |

Research Interests

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| Topics: | Methodologies: |
| Sustainable Operations | Optimization |
| Retail Operations | Game Theory |
| Energy Operations | Applied Econometrics |

Manuscripts Published & Under Review

- Seulchan Lee**, Alexandar Angelus, Jon M. Stauffer, Chelliah Sriskandarajah. “[Optimal Shipping, Collaboration, and Outsourcing Decisions in a Hybrid Cross-docking Supply Chain.](#)” *IISE Transactions* (2023): 1-15. *Featured article in December 2024 issue of ISE Magazine*
- Michael Ketzenberg, **Seulchan Lee**, Hankyul Oh, Nesim Erkip, “Consumer Food Waste in Retailing.”
 - Under review
- Seulchan Lee**, Huseyn Abdulla, Hankyul Oh, “Managing Carbon-neutral Delivery in Online Retailing.”
 - Under review
- Seulchan Lee**, Huseyn Abdulla, “Salesperson Incentives and Consumer Returns.”
 - In preparation for resubmission
- Seulchan Lee**, Alexandar Angelus, “Virtual Microgrids: Implications of Peer-to-Peer Energy Trading for Renewable Energy Investments.”
 - Revise & Resubmit at **Manufacturing & Service Operations Management***

Professional Affiliations

Institute for Operations Research and Management Sciences (INFORMS)	2018 - Present
Production and Operations Management Society (POMS)	2018 - Present
Decision Science Institute (DSI)	2024 - Present
Power Systems Engineering Research Centers (PSERC)	2023 - Present

Invited Conference Presentations ([†]: *Presented by Co-authors*)

Salesperson Incentive under Consumer Returns

- 2024 INFORMS Annual Meeting;
- 2024 INFORMS MSOM Conference;
- 2024 POMS Annual Meeting

Examining Sustainability-as-a-Service Model in Retail

- 2024 INFORMS Annual Meeting[†];
- 2024 POMS Annual Meeting;
- 2023 INFORMS Annual Meeting;
- 2023 POMS Annual Conference[†];
- 2022 INFORMS Annual Meeting[†]

Virtual Microgrids: Implications Peer-to-Peer Trading for Renewable Energy Investments

- 2023 POMS Annual Conference;
- 2022 POMS Annual Conference;
- 2021 INFORMS Annual Meeting;
- 2021 POMS Annual Conference

Optimal Shipping, Collaboration, and Outsourcing Decisions in a Cross-docking Supply Chain

- 2022 POMS Annual Conference;
- 2019 INFORMS Annual Meeting;
- 2019 POMS Annual Conference

The Impact of Transmission Grid Development on Renewable Energy Generation

- 2022 POMS Annual Conference;
- 2021 INFORMS Annual Meeting[†];
- 2021 Decision Science Institute (DSI) Annual Conference

Professional Service

Session Chair , POMS Annual Conference	2022, 2024
Ad-hoc Reviewer , <i>Production and Operations Management</i>	2022-
Program Committee , ACM FaaCT	2023
Technical Track Manager , POMS Annual Conference	2021
Reviewer , Decision Science Institute (DSI) Annual Conference	2018
Committee , Undergraduate Committee, College of Business, Michigan Technological University	2024-
Committee , Graduate Committee, College of Business, Michigan Technological University	2022-2024

Fellowships & Scholarships

Mays Business School PhD Enhancement Fellowship, Texas A&M University	2017 - 2022
Information & Operations Management Department Fellowship, Texas A&M University	2017 - 2022
Department Merit Scholarship, Industrial and Systems Engineering, Texas A&M University	2015 - 2017

Technical Skills

Mathematica, Matlab, STATA, R, C++, AMPL/CPLEX, SAS, GAMS, SPSS, L^AT_EX, VBA in Excel

Courses of Instruction

Instructor, Michigan Technological University

- BA 5610: Operations Management (MBA);
- OSM 3150: Supply Chain Management (Undergraduate);
- OSM 4700: Logistics and Transportation Management (Undergraduate);

Instructor, Texas A&M University

- SCMT 336: Data Analytics Optimization (Undergraduate);
- SCMT 364: Supply Chain Management (Undergraduate);

Teaching Assistant, Texas A&M University

- SCMT 364: Supply Chain Management, Fall 2018

References

Available upon request.